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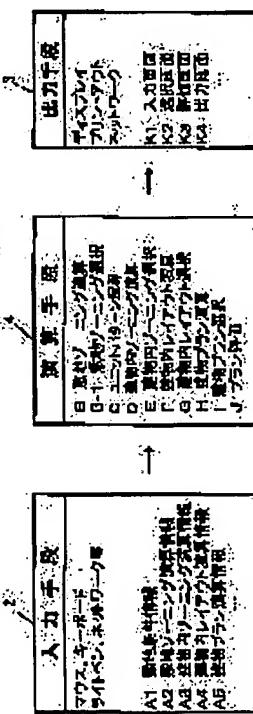
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## (54) BUILDING PLAN PROPOSING SYSTEM, PROPOSING METHOD FOR BUILDING PLAN AND BUILDING PLAN PROPOSING DEVICE

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a building plan proposing system giving a support so as to propose an optimum building plan corresponding to a demand of a customer.

**SOLUTION:** The building plan proposing system is provided with an information input means 2 for inputting basic information and demand information of the customer required for building plan computation, a site zoning computation means B for computing one or more of site zoning from the basic information and the demand information, an intra-building zoning computation means D for computing one or more of intra-building zoning from the basic information and the demand information on the basis of the site zoning, an intra-building layout computation means F for computing one or more intra-building layouts from the intra-building zoning, the basic information and the demand information, and a building plan computation means H for computing one or more building plans from the intra-building layouts, the basic information and the demand information.



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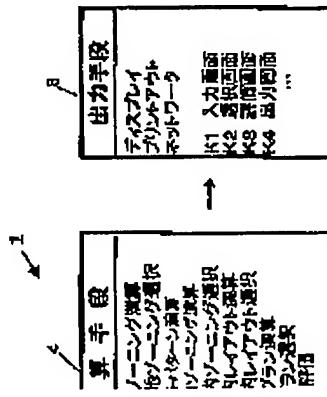
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(54)【発明の名称】 建物プラン提案システム、建物プランの提案方法及び建物プラン提案装置

## (57)【要約】

【課題】 顧客の要望に応じた最適建物プランの提案が行  
えるように支援する建物プラン提案システムを提供する  
こと。

【解決手段】 建物プラン演算に必要な顧客の基本情報  
及び要望情報を入力する情報入力手段Aと、基本情報及  
び要望情報から1又はそれ以上の敷地ゾーニングを演算  
する敷地ゾーニング演算手段Bと、敷地ゾーニングに基  
づき基本情報及び要望情報から1又はそれ以上の建物内  
ゾーニングを演算する建物内ゾーニング演算手段Dと、



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2. \*\*\*\* shows the word which can not be translated.
3. In the drawings, any words are not translated.

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## CLAIMS

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### [Claim(s)]

[Claim 1] An information input means to input basic information and request information of a customer required for a building plan operation, A site zoning operation means to calculate 1 or the site zoning beyond it from said basic information and request information, A zoning operation means in a building to calculate 1 or the zoning in a building beyond it from said basic information and request information based on said site zoning, A layout operation means in a building to calculate 1 or the layout in a building beyond it from the zoning in said building, said basic information, and request information, The building plan proposed system equipped with a building plan operation means to calculate 1 or the building plan beyond it from the layout in said building, said basic information, and request information.

[Claim 2] The building plan proposed system according to claim 1 characterized by having a unit building operation means to calculate the appearance of the unit pattern of a building unit, or a unit building from said basic information and request information based on said site zoning between said site zoning operation means and said zoning operation means in a building.

[Claim 3] The site zoning calculated with said site zoning operation means, A plan output means to output the zoning in a building calculated with said zoning operation means in a building, the layout in a building calculated with said layout operation means in a building, and the building plan calculated with said building plan operation means, A plan evaluation means evaluate to evaluate the zoning in a building calculated with said zoning operation means in a building, the layout in a building calculated with said layout operation means in a building, and the building plan calculated with said building plan operation means corresponding to said request matter, The building plan proposed system according to claim 1 or 2 characterized by preparation \*\*\*\*\*.

[Claim 4] 1 or the site zoning beyond it is calculated from basic information and request information of a customer required for a building plan operation. Based on this site zoning, 1 or the zoning in a building beyond it is calculated from said basic information and request information. The proposal approach of the building plan to calculate 1 or the layout in a building beyond it from this zoning in a building, said basic information, and request information, and to calculate 1 or the building plan beyond it from this layout in a building, said basic information, and request information.

[Claim 5] Site zoning is calculated from basic information and request information of a customer required for a building plan operation. Based on this site zoning, 1 or the zoning in a building beyond it is calculated from said basic information and request information. Building plan proposal equipment equipped with an operation means to calculate 1 or the layout in a building beyond it from this zoning in a building, said basic information, and request information, and to calculate 1 or the building plan beyond it from this layout in a building, said basic information, and request information.

[Claim 6] Said building plan proposal equipment stores in a storage means the planning rule of building unit arrangement of many unit buildings where structural calculation was made. Site zoning is calculated from basic information and request information of a customer required for a building plan operation. Based on this site zoning, the appearance of 1, the unit pattern beyond it, or a unit building is calculated from said basic information, request information, and said planning rule. Based on this unit pattern or a building appearance, 1 or the zoning in a building beyond it is calculated from said basic information and request information. Building plan proposal equipment equipped with an operation means to calculate 1 or the layout in a building beyond it from this zoning in a building, said basic information, and request information, and to calculate 1 or the building plan beyond it from this layout in a building, said basic information, and request information.